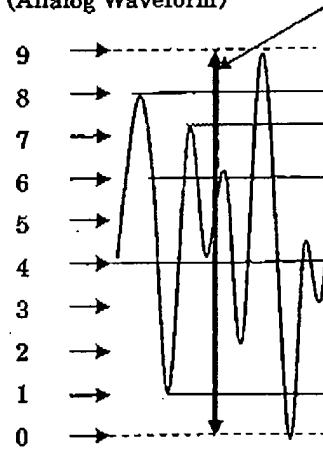


Output of M-sequence Gen:
B 4861746 . . .

Variation Range of Voltage

Fig.1 Output of D/A convertor
(Analog Waveform)



Input of VCO

Fig.2 I/O of VCO

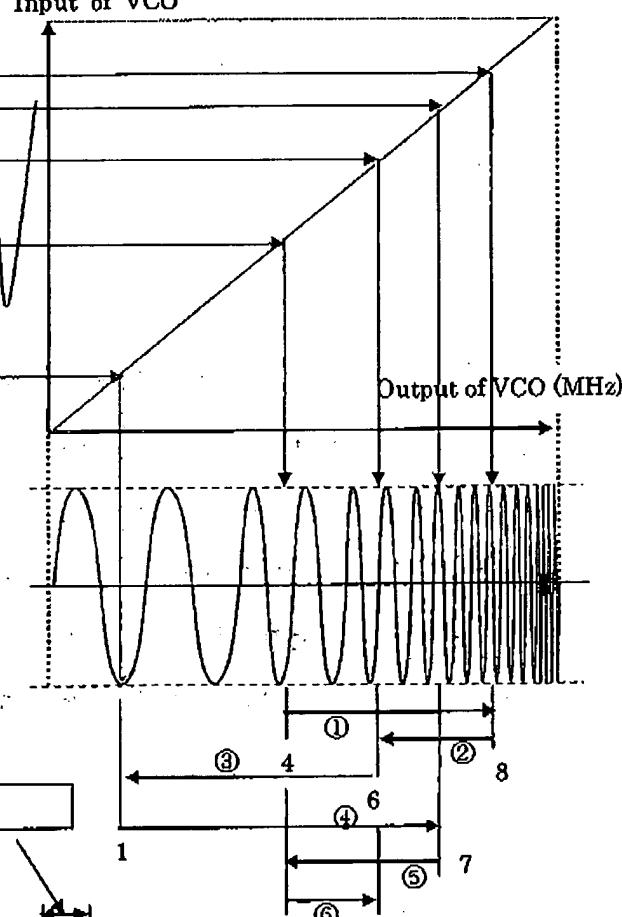


Fig.3 Out freq of VCO

Wave length

Fig.4 Output waveform of VCO:C

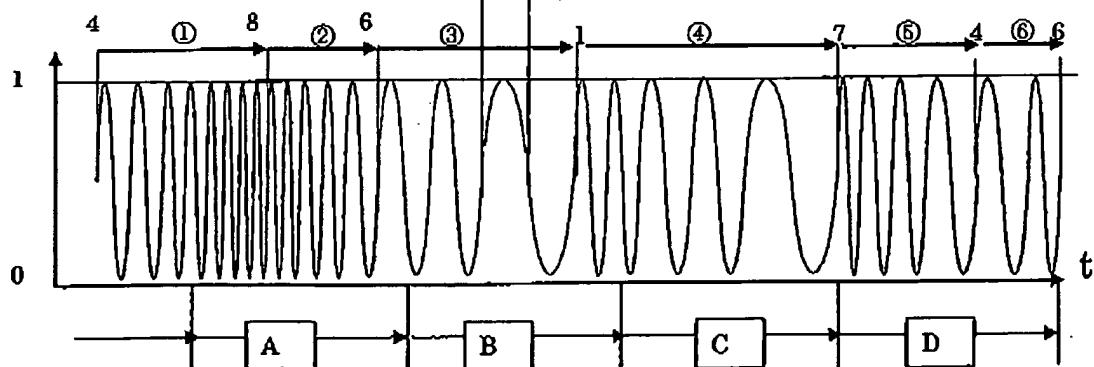


Fig.5 Digital Values by sampling Output of VCO with 1/10 of freq. of VCO

A : 10101010101010101010101	B : 01010101	C : 0101010	D : 101010101010
21 digits	8 digits	7 digits	12 digits

Numeral values as sampled are different in number of digits. But, "0" and "1" appears alternatively and "00" or "11" cannot be obtained.

Output of M-sequence Gen:
B 4861746 . . .

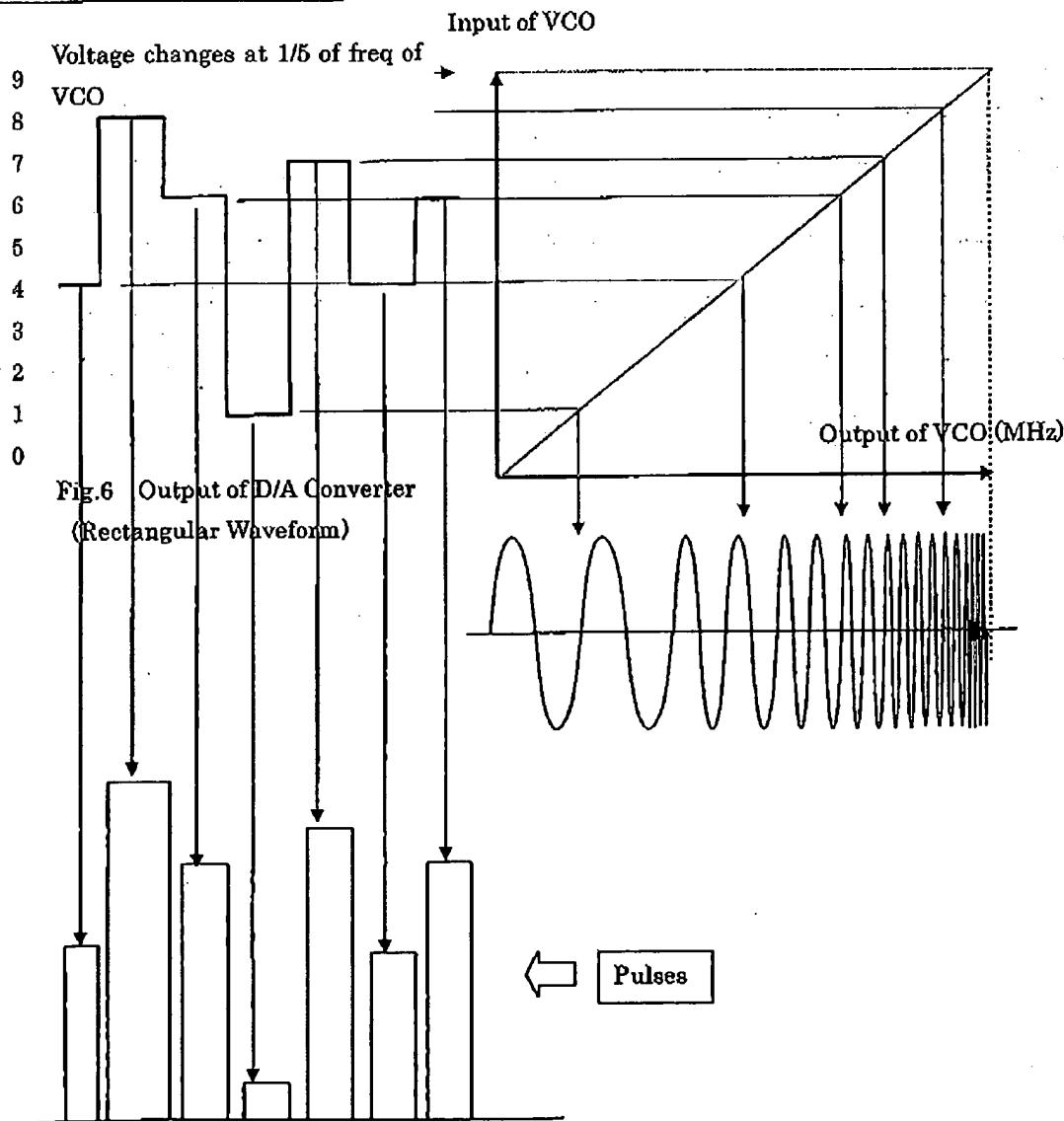


Fig.7 Output waveform of VCO:C

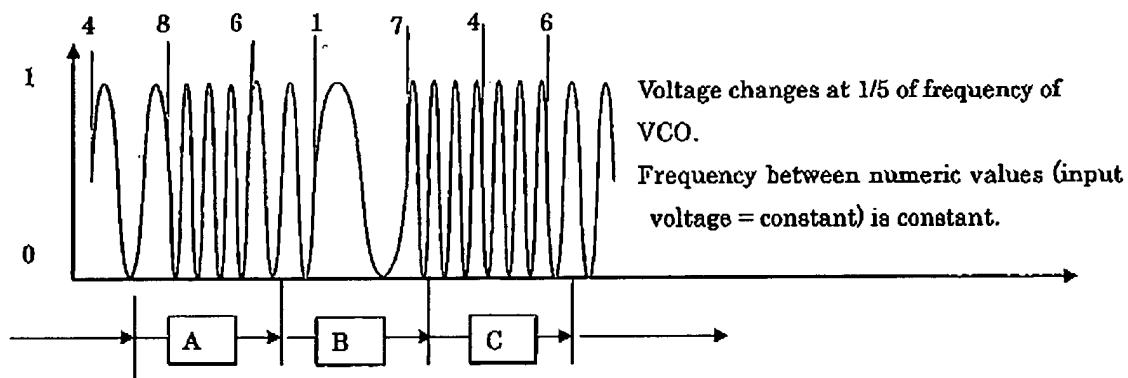


Fig.8 Digital Values by sampling Output of VCO with 1/10 of freq. of VCO:D

A : 1010101010	C : 101010101010
B : 101010	